



Matrix BioLabs

Peptides

GHK-Cu 50mg

Overview

GHK-Cu (Copper Tripeptide-1) is a naturally occurring copper-binding tripeptide. It is widely researched for its powerful regenerative, anti-aging, and healing properties. GHK-Cu plays a key role in collagen synthesis, tissue remodeling, and antioxidant defense, making it one of the most studied peptides in skin health and overall regeneration.

Benefits

Key benefits include increased collagen and elastin production, improved skin firmness and elasticity, reduction in fine lines and wrinkles, accelerated wound healing, reduced inflammation, and potential support for hair growth and follicle health. It also exhibits strong antioxidant and anti-inflammatory effects, supporting skin repair and anti-aging at the cellular level.

Dosage

1–2 mg per day via subcutaneous injection. Cycle length: 8–12 weeks on, followed by 4–8 weeks off.

Reconstitution

Add 3ml of BAC water. This yields approximately 16.67 mg/ml concentration.

- 1 mg dose = 6 units on a U-100 insulin syringe
 - 2 mg dose = 12 units on a U-100 insulin syringe
- Store the reconstituted solution in the refrigerator and follow standard stability guidelines.